

ABSTRACT

An authoring tool and method of use that allows the user to create sets of target multimedia learning material for use in computer-assisted education and computer-based training. The tool include a series of prompts to guide the user through the process, algorithms for the format of the material into a usable a form for various systems, and required database structure with populated tables. One variation includes two distinct features, including Talking Photo Software and Smart Cards. The authoring tool enables any user to create Talking Photos, by enabling the user to gather, collate and correlate multimedia assets for storage and retrieval. The authoring tool also enables any user similarly to create Smart Cards, which include features for determination of review timing, sequence and presentation modes, dependant on user profiles, which are based on data integral software developed over time, indicating which specific learning elements to target.